

Yu Yang

List of Publications by Year in descending order

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81900

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all docs

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docs citations

91
times ranked

7456
citing authors

#	ARTICLE	IF	CITATIONS
1	Ramanujan Fourier Mode Decomposition and Its Application in Gear Fault Diagnosis. <i>IEEE Transactions on Industrial Informatics</i> , 2022, 18, 6079-6088.	11.3	17
2	Computer-aided design of reversible hybridization chain reaction (CAD-HCR) enables multiplexed single-cell spatial proteomics imaging. <i>Science Advances</i> , 2022, 8, eabk0133.	10.3	16
3	DNA-Based MXFs to Enhance Radiotherapy and Stimulate Robust Antitumor Immune Responses. <i>Nano Letters</i> , 2022, 22, 2826-2834.	9.1	33
4	DNAzyme-based biosensors for mercury (â€¦) detection: Rational construction, advances and perspectives. <i>Journal of Hazardous Materials</i> , 2022, 431, 128606.	12.4	26
5	Fe-Curcumin Nanozyme-Mediated Reactive Oxygen Species Scavenging and Anti-Inflammation for Acute Lung Injury. <i>ACS Central Science</i> , 2022, 8, 10-21.	11.3	97
6	Computer-Aided Design of DNA Self-Limited Assembly for Relative Quantification of Membrane Proteins. <i>Analytical Chemistry</i> , 2022, 94, 10263-10270.	6.5	4
7	The possibility of endoscopic treatment of cNO submucosal esophageal cancer: results from a surgical cohort. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2021, 35, 593-601.	2.4	5
8	New Insights from Chemical Biology: Molecular Basis of Transmission, Diagnosis, and Therapy of SARS-CoV-2. <i>CCS Chemistry</i> , 2021, 3, 1501-1528.	7.8	12
9	N-doped carbon dots for highly sensitive and selective sensing of copper ion and sulfide anion in lake water. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 105081.	6.7	40
10	Aptamer-Based Logic Computing Reaction on Living Cells to Enable Non-Antibody Immune Checkpoint Blockade Therapy. <i>Journal of the American Chemical Society</i> , 2021, 143, 8391-8401.	13.7	64
11	Multifaceted role of phyto-derived polyphenols in nanodrug delivery systems. <i>Advanced Drug Delivery Reviews</i> , 2021, 176, 113870.	13.7	64
12	The diagnostic value of the early extended fetal heart examination at 13 to 14 weeks gestational age in a high-risk population. <i>Translational Pediatrics</i> , 2021, 10, 2907-2920.	1.2	5
13	Tumor microenvironment-responsive dynamic inorganic nanoassemblies for cancer imaging and treatment. <i>Advanced Drug Delivery Reviews</i> , 2021, 179, 114004.	13.7	55
14	Equipping Cancer Cell Membrane Vesicles with Functional DNA as a Targeted Vaccine for Cancer Immunotherapy. <i>Nano Letters</i> , 2021, 21, 9410-9418.	9.1	39
15	Prediction of Prognosis in Adult Patients With Carbapenem-Resistant <i>Klebsiella pneumoniae</i> Infection. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, 818308.	3.9	7
16	Chemiluminescent Nanosystems for Imaging Cancer Chemodynamic Therapy. <i>CheM</i> , 2020, 6, 2127-2129.	11.7	19
17	Distinct mRNA and long non-coding RNA expression profiles of decidual natural killer cells in patients with early missed abortion. <i>FASEB Journal</i> , 2020, 34, 14264-14286.	0.5	7
18	Near-Infrared Fluorescent Image-Guided Lymphatic Mapping in Esophageal Squamous Cell Carcinoma. <i>Annals of Surgical Oncology</i> , 2020, 27, 3799-3807.	1.5	5

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19	Biodegradable Nickel Disulfide Nanozymes with GSH-Depleting Function for High-Efficiency Photothermal-Catalytic Antibacterial Therapy. <i>IScience</i> , 2020, 23, 101281.	4.1	98
20	A bispecific circular aptamer tethering a built-in universal molecular tag for functional protein delivery. <i>Chemical Science</i> , 2020, 11, 9648-9654.	7.4	13
21	Precise Deposition of Polydopamine on Cancer Cell Membrane as Artificial Receptor for Targeted Drug Delivery. <i>IScience</i> , 2020, 23, 101750.	4.1	9
22	Molecular domino reactor built by automated modular synthesis for cancer treatment. <i>Theranostics</i> , 2020, 10, 4030-4041.	10.0	14
23	Tumor microenvironment (TME)-activatable circular aptamer-PEG as an effective hierarchical-targeting molecular medicine for photodynamic therapy. <i>Biomaterials</i> , 2020, 246, 119971.	11.4	54
24	Circular Bispecific Aptamer-Mediated Artificial Intercellular Recognition for Targeted T Cell Immunotherapy. <i>ACS Nano</i> , 2020, 14, 9562-9571.	14.6	65
25	Enhanced in Vivo Blood-Brain Barrier Penetration by Circular Tau-Transferrin Receptor Bifunctional Aptamer for Tauopathy Therapy. <i>Journal of the American Chemical Society</i> , 2020, 142, 3862-3872.	13.7	64
26	Metal-Organic Framework Nanocarriers for Drug Delivery in Biomedical Applications. <i>Nano-Micro Letters</i> , 2020, 12, 103.	27.0	363
27	The value of enhanced CT scanning for predicting lymph node metastasis along the right recurrent laryngeal nerve in esophageal squamous cell carcinoma. <i>Annals of Translational Medicine</i> , 2020, 8, 1632-1632.	1.7	9
28	Roller Bearing Fault Diagnosis Based on Adaptive Sparsest Narrow-Band Decomposition and MMC-FCH. <i>Shock and Vibration</i> , 2019, 2019, 1-17.	0.6	2
29	Adjuvant therapy for pathological T3N0M0 esophageal squamous cell carcinoma. <i>Journal of Thoracic Disease</i> , 2019, 11, 2512-2522.	1.4	9
30	Improved Deep Transfer Auto-Encoder for Fault Diagnosis of Gearbox Under Variable Working Conditions With Small Training Samples. <i>IEEE Access</i> , 2019, 7, 115368-115377.	4.2	83
31	Robot-assisted esophagectomy (RAE) versus conventional minimally invasive esophagectomy (MIE) for resectable esophageal squamous cell carcinoma: protocol for a multicenter prospective randomized controlled trial (RAMIE trial, robot-assisted minimally invasive Esophagectomy). <i>BMC Cancer</i> , 2019, 19, 608.	2.6	44
32	Ostwald Ripening-Mediated Grafting of Metal-Organic Frameworks on a Single Colloidal Nanocrystal to Form Uniform and Controllable MXF. <i>Journal of the American Chemical Society</i> , 2019, 141, 7407-7413.	13.7	74
33	Composition-Tunable Ultrasmall Manganese Ferrite Nanoparticles: Insights into their <i>In Vivo</i> Contrast Efficacy. <i>Theranostics</i> , 2019, 9, 1764-1776.	10.0	32
34	3D halos assembled from Fe ₃ O ₄ /Au NPs with enhanced catalytic and optical properties. <i>Nanoscale</i> , 2019, 11, 20968-20976.	5.6	14
35	Two-dimensional metal-organic-framework as a unique theranostic nano-platform for nuclear imaging and chemo-photodynamic cancer therapy. <i>Nano Research</i> , 2019, 12, 1307-1312.	10.4	77
36	Fluorometric determination of pesticides and organophosphates using nanoceria as a phosphatase mimic and an inner filter effect on carbon nanodots. <i>Mikrochimica Acta</i> , 2019, 186, 66.	5.0	47

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37	Impact of unplanned events on early postoperative results of minimally invasive esophagectomy. <i>Thoracic Cancer</i> , 2018, 9, 94-98.	1.9	4
38	Silica nanoparticle with a single His-tag for addressable functionalization, reversible assembly, and recycling. <i>Nano Research</i> , 2018, 11, 2512-2522.	10.4	1
39	One-pot synthesis of pH-responsive charge-switchable PEGylated nanoscale coordination polymers for improved cancer therapy. <i>Biomaterials</i> , 2018, 156, 121-133.	11.4	73
40	Robot assisted esophagectomy for esophageal squamous cell carcinoma. <i>Journal of Thoracic Disease</i> , 2018, 10, 3767-3775.	1.4	17
41	Minimally invasive esophagectomy for esophageal squamous cell carcinoma—Shanghai Chest Hospital experience. <i>Journal of Thoracic Disease</i> , 2018, 10, 3800-3807.	1.4	9
42	A biocompatible metal-organic framework as a pH and temperature dual-responsive drug carrier. <i>Dalton Transactions</i> , 2018, 47, 15882-15887.	3.3	45
43	G-Quadruplex-Based Nanoscale Coordination Polymers to Modulate Tumor Hypoxia and Achieve Nuclear-Targeted Drug Delivery for Enhanced Photodynamic Therapy. <i>Nano Letters</i> , 2018, 18, 6867-6875.	9.1	187
44	Self-Assembled Aptamer-Grafted Hyperbranched Polymer Nanocarrier for Targeted and Photoresponsive Drug Delivery. <i>Angewandte Chemie</i> , 2018, 130, 17294-17298.	2.0	31
45	Self-Assembled Aptamer-Grafted Hyperbranched Polymer Nanocarrier for Targeted and Photoresponsive Drug Delivery. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 17048-17052.	13.8	122
46	Core-Shell HA-AuNPs@SiNPs Nanoprobe for Sensitive Fluorescence Hyaluronidase Detection and Cell Imaging. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 16555-16562.	6.7	30
47	Modulating Aptamer Specificity with pH-Responsive DNA Bonds. <i>Journal of the American Chemical Society</i> , 2018, 140, 13335-13339.	13.7	97
48	ZrMOF nanoparticles as quenchers to conjugate DNA aptamers for target-induced bioimaging and photodynamic therapy. <i>Chemical Science</i> , 2018, 9, 7505-7509.	7.4	110
49	Highly Effective Radioisotope Cancer Therapy with a Non-Therapeutic Isotope Delivered and Sensitized by Nanoscale Coordination Polymers. <i>ACS Nano</i> , 2018, 12, 7519-7528.	14.6	59
50	Core-shell and co-doped nanoscale metal-organic particles (NMOPs) obtained via post-synthesis cation exchange for multimodal imaging and synergistic thermo-radiotherapy. <i>NPG Asia Materials</i> , 2017, 9, e344-e344.	7.9	56
51	Nanoscale Coordination Polymer Shelled Manganese Dioxide Composite Nanoparticles: A Multistage Redox/pH/H ₂ O ₂ -Responsive Cancer Theranostic Nanoplatfrom. <i>Advanced Functional Materials</i> , 2017, 27, 1605926.	14.9	192
52	Catalase-loaded cisplatin-prodrug-constructed liposomes to overcome tumor hypoxia for enhanced chemo-radiotherapy of cancer. <i>Biomaterials</i> , 2017, 138, 13-21.	11.4	214
53	Redox-Sensitive Nanoscale Coordination Polymers for Drug Delivery and Cancer Theranostics. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 23555-23563.	8.0	134
54	Effect of hyperoside on the apoptosis of A549 human non-small cell lung cancer cells and the underlying mechanism. <i>Molecular Medicine Reports</i> , 2017, 16, 6483-6488.	2.4	23

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55	Tumor vasculature normalization by orally fed erlotinib to modulate the tumor microenvironment for enhanced cancer nanomedicine and immunotherapy. <i>Biomaterials</i> , 2017, 148, 69-80.	11.4	88
56	Photothermal Therapy: 1D Coordination Polymer Nanofibers for Low-Temperature Photothermal Therapy (<i>Adv. Mater.</i> 40/2017). <i>Advanced Materials</i> , 2017, 29, .	21.0	5
57	1D Coordination Polymer Nanofibers for Low-Temperature Photothermal Therapy. <i>Advanced Materials</i> , 2017, 29, 1703588.	21.0	437
58	Light-controlled drug release from singlet-oxygen sensitive nanoscale coordination polymers enabling cancer combination therapy. <i>Biomaterials</i> , 2017, 146, 40-48.	11.4	94
59	Minimally invasive esophagectomy is a safe surgical treatment for locally advanced pathologic T3 esophageal squamous cell carcinoma. <i>Journal of Thoracic Disease</i> , 2017, 9, 2982-2991.	1.4	11
60	Reconstruction of mediastinal vessels for invasive thymoma: a retrospective analysis of 25 cases. <i>Journal of Thoracic Disease</i> , 2017, 9, 725-733.	1.4	25
61	Surgical management of acquired tracheo/bronchoesophageal fistula associated with esophageal diverticulum. <i>Journal of Thoracic Disease</i> , 2017, 9, 3684-3692.	1.4	5
62	Two-gene signature improves the discriminatory power of IASLC/ATS/ERS classification to predict the survival of patients with early-stage lung adenocarcinoma. <i>OncoTargets and Therapy</i> , 2016, Volume 9, 4583-4591.	2.0	12
63	Translocation of left inferior lobe pulmonary artery to the pulmonary artery trunk for central type non-small cell lung cancers. <i>Journal of Thoracic Disease</i> , 2016, 8, 826-832.	1.4	1
64	Nanoscale metal-organic frameworks for combined photodynamic & radiation therapy in cancer treatment. <i>Biomaterials</i> , 2016, 97, 1-9.	11.4	379
65	Pressure controlled drug release in a Zr-cluster-based MOF. <i>Journal of Materials Chemistry B</i> , 2016, 4, 6398-6401.	5.8	86
66	Low-frequency ultrasound-mediated microvessel disruption combined with docetaxel to treat prostate carcinoma xenografts in nude mice: A novel type of chemoembolization. <i>Oncology Letters</i> , 2016, 12, 1011-1018.	1.8	11
67	Nanoscale Metal-Organic Particles with Rapid Clearance for Magnetic Resonance Imaging-Guided Photothermal Therapy. <i>ACS Nano</i> , 2016, 10, 2774-2781.	14.6	300
68	Near-infrared light-activated cancer cell targeting and drug delivery with aptamer-modified nanostructures. <i>Nano Research</i> , 2016, 9, 139-148.	10.4	64
69	Risk factors and consequences of perioperative reoperation in patients undergoing pulmonary resection surgery. <i>Surgery</i> , 2016, 159, 591-601.	1.9	14
70	Low-frequency and low-intensity ultrasound-mediated microvessel disruption enhance the effects of radiofrequency ablation on prostate cancer xenografts in nude mice. <i>Molecular Medicine Reports</i> , 2015, 12, 7517-7525.	2.4	7
71	MoS ₂ -Based Nanoprobes for Detection of Silver Ions in Aqueous Solutions and Bacteria. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 7526-7533.	8.0	85
72	Gambogic acid-loaded pH-sensitive mixed micelles for overcoming breast cancer resistance. <i>International Journal of Pharmaceutics</i> , 2015, 495, 840-848.	5.2	42

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73	Combined identification of long non-coding RNA XIST and HIF1A-AS1 in serum as an effective screening for non-small cell lung cancer. <i>International Journal of Clinical and Experimental Pathology</i> , 2015, 8, 7887-95.	0.5	87
74	Synthesis of IL-6 by Hepatocytes Is a Normal Response to Common Hepatic Stimuli. <i>PLoS ONE</i> , 2014, 9, e96053.	2.5	93
75	Multiscale Permutation Entropy Based Rolling Bearing Fault Diagnosis. <i>Shock and Vibration</i> , 2014, 2014, 1-8.	0.6	49
76	Experience with the â€œd</sc>a <sc>V</sc>inciâ€•robotic system for earlyâ€stage thymomas: Report of 23 cases. <i>Thoracic Cancer</i> , 2014, 5, 325-329.	1.9	11
77	Advances in self-assembled chitosan nanomaterials for drug delivery. <i>Biotechnology Advances</i> , 2014, 32, 1301-1316.	11.7	260
78	Glandular Papillomas Originating From Posterior Segment of Right Upper Lung Simulating a Mass From Trachea. <i>Annals of Thoracic Surgery</i> , 2014, 97, 2199.	1.3	0
79	Dopamine D2 receptors regulate leptin and ILâ€6 in 3T3 L1 adipocytes (1107.5). <i>FASEB Journal</i> , 2014, 28, 1107.5.	0.5	2
80	An individually coated near-infrared fluorescent protein as a safe and robust nanoprobe for in vivo imaging. <i>Nanoscale</i> , 2013, 5, 10345.	5.6	14
81	Nrf2 mediates the antioxidant effect of DJâ€1 in the kidney. <i>FASEB Journal</i> , 2013, 27, 704.10.	0.5	0
82	In situ synthesis of porous silicananoparticles for covalent immobilization of enzymes. <i>Nanoscale</i> , 2012, 4, 414-416.	5.6	41
83	Reaction Mechanism of Single Subunit NADH-Ubiquinone Oxidoreductase (Ndi1) from <i>Saccharomyces cerevisiae</i> . <i>Journal of Biological Chemistry</i> , 2011, 286, 9287-9297.	3.4	27
84	Liver Specific Ablation of Integrin Linked Kinase in Mice Results in Enhanced and Prolonged cell proliferation After Phenobarbital Administration. <i>FASEB Journal</i> , 2009, 23, 117.7.	0.5	0
85	A Mediator-Free Tyrosinase Biosensor Based on ZnO Sol-Gel Matrix. <i>Electroanalysis</i> , 2005, 17, 1065-1070.	2.9	62
86	Highly Selective Dopamine Determination by Using Carboxymethylated Î²â€Cyclodextrin Polymer Film Modified Electrode. <i>Analytical Letters</i> , 2004, 37, 2267-2282.	1.8	7
87	Amperometric Tyrosinase Biosensor Using Enzymeâ€Labeled Au Colloids Immobilized on Cystamine/Chitosan Modified Gold Surface. <i>Analytical Letters</i> , 2004, 37, 1079-1091.	1.8	15